Author Index to Volume 8 (1988/89)

Bernardini, A., *see* Coli, M. 179–188

Breiteenbach, K.-H., MS-DOS and MS-Windows Are PC Standards 41– 44

Campbell, I., Portable Common Tool Environment 67– 74

Coli, M., Bernardini, A., Iera, C., and Marchetti, V., Multibus II–VME Interface 179–188

D'Cruz, M., Kulinek, E. and Lee, E., Character Sets of Today and Tomorrow 199–208

Fink, W., Future Bus Structures for 32-bit Personal Computers 23– 28

Furber, S.B., The Advantages of RISC Architectures 29– 35

Gustafsson, L., A VME to FASTBUS Interface Using a Finite State Machine Coprocessor 91–101

Hahn, J., The Committee Support System 57– 66

Han, H-W., An Investigation of the Standardization of Chinese Internal Code Used in Chinese Information Processing Systems 113–125

Han, H-W., Standardization Activities for Information Processing in China 229–232

Haton, J-P. and Haton, M-Ch., Artificial Intelligence Techniques in Man–Machine Communication 37– 40

Haton, M-Ch., *see* Haton, J-P. 37– 40

Hekimi, D., 1987 – An ECMA Overview 157–167

Herbert, A., Communications Aspects of ANSA 49– 56

Iera, C., *see* Coli, M. 179–188

Jerman-Blazic, B., Will the Multi-octet Standard Character Set Code Solve the World Coding Problems for Information Interchange? 127–136

Kulinek, E., *see* D'Cruz, M. 199–208

Lang, F.H., IT EN, (pr)ENV and NET 137–155

Larson, J.A., Four reference Architectures for Distributed Database Management Systems 209–221

Lee, E., *see* D'Cruz, M. 199–208

Liang, L-S., Time Server in Advanced Automation Local Area Network 223–227

Marchetti, V., *see* Coli, M. 179–188

Marty, R., Software Integration 9– 14

Mumford, A. and Pink, J., Proposing a Test Model for the Computer Graphics Metafile 189–197

Osadzinski, A., The Network File System (NFS) 45– 48

Pangalos, G., Potential and Limitations of I.T. Standardization in Greece 103–108

Pink, J., *see* Mumford, A. 189–197

Salmony, M., The Potential of Broadband ISDN 15– 21

North-Holland
Computer Standards & Interfaces 8 (1988/89) 271–272

0920-5489/89/$3.50 © 1989, Elsevier Science Publishers B.V. (North-Holland)

Tully, J., System Architecture and Networking in Electronic CAD /CAE 75– 82

Van Kervel, S., Laservision ROM Systems for Digital Data and Video Storage 83– 88

Wang, M. and Wei, D., Suggestions for Adding the Ability of Processing of Chinese Characters in Programming Languages 109–111

Wei, D., *see* Wang, M. 109–111

Wilkes, M.V., The Past and Future Development of Personel Computers 5– 7

Willers, I., Guest Editorial 1– 3

Subject Index to Volume 8 (1988/89)

Adaptability 9
ANSA 49
Application profiles 189
Architecture 29

32-Bit microprocessor 29
32-Bit processor 23
32-Bit transfers 179
8-Bit character sets 199
Broadband communication 15
Bus extension 179
Bus interface 179
Bus structure 23

Cable segment 91
CAD 75
CAD interfaces 75
CAE 75
CDROM 83
CGM 189
Chinese character data type 109
Chinese character information processing 109
Chinese Information Processing System (CIPS) 113
– 229
Chinese internal code 113
Communications 49
Compatibility 23
Computer aided design 75
Computer aided engineering 75
Computer graphics 189
Conformance testing 189
Connectivity 15
Coprocessor 91

DASE 49
Data independence 209
Database integration 209
Database management system 209
Distributed applications 75
Distributed database management system 209
Distribution 67
Document exchange/electronic mailing 57

English Information Processing System (EIPS) 113
– 229
Ether-net 223
Evaluation 189

Fast connecting bus 179
FASTBUS 91
Federated database system 209
Finite state machine 91
FORTRAN 8X 109

Generators and interpreters 189
Greek information technology standards 103

Hanzi data type 109
Heterogeneous database system 209
High level languages 109
High-speed networks 15

Information interchange 127
Information interchange code 113
Information processing code 113
Information technology standardization 103
Information technology standards 103
Integrated office systems 57
Inter-bus 179
Interactive video 83
Intercommunication 179
Interface 91
International standards 57

North-Holland
Computer Standards & Interfaces 8 (1988/89) 273–274

0920-5489/89/$3.50 © 1989, Elsevier Science Publishers B.V. (North-Holland)

Intrinsic function 109
ISDN 15
ISO standards 199

Knowledge-based systems 37

Laservision 83
Latin-based character sets 199
Local area network 223
Location independence 209
LVROM 83

Man-machine communication 37
Microprocessor history 5
Modular interface devices 179
MS-DOS 41
MS-windows 41
Multi-character set 229
Multi-lingual information processing system 229
Multi-media applications 15
Multi-octet 229

Networking 45
– 75
Networking standards 75
Networks 49
NFS 45
Non-English Information Processing System (NEIPS) 229

Object management system 67
Open systems 45
Optical storage 83
OSI 127
– 189
Overview of character sets 199

Packet exchange protocol 223
PC 23
PC standards 41
Personal computer history 5
PILS 91
Portability 9
Portable common tool environment 67
Programmable logic device 91
Project support environment 67
Protocol 91
Protocols remote operations 49

Reduced instruction set 29
Reference architecture 209
Remote procedure call 49
Replication independence 209
RISC 29

Sequence packet protocol 223
Single-character set 229
Single-lingual information processing system 229
Single-octet 229
Single/sequential transfers 179
Socket 223
Software engineering 9
– 67
Software integration 9
Speech recognition and understanding 37
Standard bus 179
Standard character set code 127
Standard virtual terminal 67
Standardization procedures 103
Standards 45
System architecture 29
– 75
System interfaces 9
System services 9

Testing laboratory 189
Text communication 127
Time server 223
Time-stamp control 223

Understanding systems 37
User interfaces 57

Video base 83
VME 91
VME-Multibus II 179

Wide area network 223

Xerox network system 223